

Claims

1. Implant for draining chamber water from the front eye chamber into one or more episcleral veins, consisting of at least one tubular part (1), characterized in that, to drain the chamber water into an episcleral vein, this tubular part (1) is provided with a guide wire (8) stabilizing it and provided with a distal sharp tip in order that, after the piercing of the particular vein and withdrawal of the guide wire, it can be brought with its distal outlet end (3) into the episcleral vein, while the proximal inlet end (2) can be introduced into the front eye chamber.
2. Implant according to claim 1, characterized in that the proximal (4) and the central area (5) contain several tubular parts (1) which branch out in the distal area and can be implanted with their distal ends (3) into a plurality of episcleral veins, these tubular parts (1) containing each a guide wire (8) for piercing the particular episcleral veins (Fig. 5).
3. Implant according to claim 1 or 2, characterized in that the open distal end or ends (3) of the tubular part (1) are rounded or beveled so as to be able to introduce them atraumatically into one or more episcleral veins.
4. Implant according to any one of claims 1 to 3, characterized in that the diameters of the lumina forming the tubular parts (1) are between 0.02 mm and 0.1 mm.
5. Implant according to any one of claims 1 to 4, characterized in that the tubular portion (1) is encased at least partially with silicone or other appropriate plastic.
6. Implant according to any one of claims 1 to 5, characterized in that at the tubular portion (1) a plate (6) is applied which can contain one or more eyelets (7) for fixation by stitching.

7. Implant according to one or more of claims 1 to 6, characterized in that at least parts of the implant are made from biocompatible material, for example silicone or other appropriate plastics, from stainless steel, from titanium, from a noble metal such as silver, gold or platinum, or from a biological material.
8. Implant according to any one of claims 1 to 7, characterized in that at least parts of the implant are coated with suitable material to produce a desired biological reaction or to prevent an undesired biological reaction.
9. Implant according to any one of claims 1 to 8, characterized in that a check valve is provided in the tubular portion (1), by which retrograde flow of blood into the front eye chamber is prevented.